| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operat<br>or | Plura<br>Is | Time Stamp          |
|----------|------|--|--|-------------------------|-------------|---------------------|
| L6       | 12   | (US-20040101634-\$ or US-20050064647-\$ or US-20050002850-\$ or US-20050040371-\$ or US-20040222081-\$ or US-20030211028-\$ or US-20030039604-\$ or US-20020008956-\$).did. or (US-6491789-\$ or US-6712864-\$ or US-5866434-\$ or US-6946410-\$).did. | US-PGPU<br>B;<br>USPAT   | OR                      | ON          | 2006/05/17<br>09:56 |
| L7       | 5    | 6 and mesh\$5  | US-PGPU<br>B;<br>USPAT   | OR                      | ON          | 2006/05/17<br>11:13 |
| L8       | 3    | 6 and etch\$4  | US-PGPU-<br>B;<br>USPAT  | OR                      | ON          | 2006/05/17<br>11:22 |
| L9       | 2    | ("20020122765").PN.  | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B                         | OR                      | OFF         | 2006/05/17<br>12:04 |
| L10      | 2    | ("20050040371").PN.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR                      | OFF         | 2006/05/17<br>11:26 |
| L11      | 1    | 9 and agent  | US-PGPU<br>B;<br>USPAT   | OR                      | ON          | 2006/05/17<br>12:06 |

| L12      | 0  | 9 and carbodiimide                                     | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>12:06 |
|----------|----|--|---|-----------|-----|---------------------|
| L13      | 0  | 9 and \$diimide  | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>12:50 |
| L14      | 1  | 9 and acid   | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>12:09 |
| L15      | 0  | 9 and (sulfuric H2SO4 "H. sub.2 SO.sub.4")             | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>12:49 |
| L16      | 0  | 9 and transfer   | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>13:08 |
| L17      | 2  | ("6203814").PN.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T; | OR i      | OFF | 2006/05/17<br>12:49 |
| ( 07 4 ) |    |  | IBM_TD<br>B   |           |     |                     |
| L18      | 1  | 17 and (sulfuric H2SO4<br>"H.sub.2 SO.sub.4")          | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>12:49 |
| L19      | 1. | 17 and \$diimide                                       | US-PGPU<br>B;<br>USPAT                                  | <b>OR</b> | ON  | 2006/05/17<br>12:50 |
| L20      | 1  | (US-20020008956-\$).did.                               | US-PGPU<br>B  | OR        | ON  | 2006/05/17<br>13:08 |
| L21      | 2  | (17 20) and transfer                                   | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/05/17<br>13:09 |
| S1       | 81 | carbon near nanotube with (crosslink\$3 cross-link\$3) | US-PGPU<br>B;<br>USPAT                                  | OR        | ON  | 2006/04/18<br>13:25 |

|           | <del></del> |  |                                  |          |    |                     |
|-----------|-------------|--|----------------------------------|----------|----|---------------------|
| S2        | 0           | S1 and nanotube with funtional\$7                                  | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>18:43 |
| S3        | 47          | S1 and nanotube with   | US-PGPU                          | OR       | ON | 2006/04/17          |
| *         |             | functional\$7  | B;<br>USPAT                      |          |    | 19:24               |
| S4        | 45          | S3 and nanotube with (structur\$4 mesh\$5 form)                    | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>18:44 |
| <b>S5</b> | 42          | S3 and nanotube with (structur\$4 mesh\$5)                         | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>18:44 |
| S6        | 12          | S3 and nanotube with (mesh\$5)                                     | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>19:01 |
| <b>S7</b> | 3           | ("3652902"   "4810599"  <br>"5773834").PN. OR<br>("6934144").URPN. | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR.      | ON | 2006/04/17<br>18:51 |
| <b>S8</b> | 30          | S5 not S6  | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>18:59 |
| S9        | 3           | S4 not S5  | US-PGPU<br>B;                    | OR       | ON | 2006/04/17<br>19:00 |
| - 1       | 0.17.10 x   |  | USPAT                            | ra de la |    |                     |
| S10       | 2           | S3 not S4  | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>19:00 |
| S11       | 12          | S1 and nanotube with (mesh\$5)                                     | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>19:01 |
| S12       | . 0         | S11 not S6   | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>19:01 |
| S13       | 1           | S1 and nanotube same<br>(mesh\$5) not S11                          | US-PGPU<br>B;<br>USPAT           | OR       | ON | 2006/04/17<br>19:02 |

|     | <del></del> |   |   |    |    |                     |
|-----|-------------|---|---|----|----|---------------------|
| S14 | 45          | ("4663230"   "4726882"   "5260855"   "5336274"   "5402306"   "5529971"   "5581438"   "5626977"   "5641466"   "5820881"   "5855953"   "5866434"   "6090363"   "6096863"   "6368877"   "6383500"   "6491903"   "6712864"   "6756025"   "6787122"). PN. OR ("2002/0008956"   "2003/0039604"   "2003/0039604"   "2003/0089893"   "2003/0022718"   "2004/0022718"   "2004/0071624"   "2004/0071949"   "2004/0222080"   "2004/0232389"   "2004/0232389"   "2004/0247808"   "2005/0074613"   "2005/0074613"   "2005/027963"   "6872681"   "6890654"   "6899945").URPN. | US-PGPU<br>B;<br>USPAT;<br>USOCR            | OR | ON | 2006/04/17 19:15    |
| S15 | 12          | S14 and (crosslink\$3 cross-link\$3)  | US-PGPU<br>B;<br>USPAT                      | OR | ON | 2006/04/17<br>19:15 |
| S16 | 45          | carbon near nanotube with (crosslink\$3 cross-link\$3)  | EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2006/04/17<br>19:24 |

| S17 | 0    | S1 and nanotube with functional\$7   | EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B      | OR | ON | 2006/04/17<br>19:24 |  |  |
|-----|------|--|--|----|----|---------------------|--|--|
| S18 | 9    | carbon near nanotube with (crosslink\$3 cross-link\$3) and mesh\$5   | EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD           | OR | ON | 2006/04/17<br>19:26 |  |  |
| S19 | 36   | S16 not S18  | B<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | OR | ON | 2006/04/26<br>20:03 |  |  |
| S20 | 165  | (carbon near (nanotube tub\$4) SWNT DWNT) same (coupl\$4 crosslink\$4 cross-link\$4) and (\$COOH carboxylic) | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:33 |  |  |
| S21 | 17   | S20 and dehydration  | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:28 |  |  |
| S22 | 72.  | S20 and condensation   | US-PGPÜ<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:28 |  |  |
| S23 | 15   | S21 and S22  | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:28 |  |  |
| S24 | 13   | S20 and dehydration near condensation  | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:31 |  |  |
| S25 | 4    | S21 not S24  | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:31 |  |  |
| S26 | 2752 | (carbon near (nanotube tub\$4) SWNT DWNT) and etch\$4  | US-PGPU<br>B;<br>USPAT                           | OR | ON | 2006/04/18<br>13:33 |  |  |

| S27        | 81 | S20 and etch\$4  | US-PGPU<br>B;<br>USPAT           | OR | ON | 2006/04/18<br>13:34 |
|------------|----|--|----------------------------------|----|----|---------------------|
| S28        | 39 | S27 and \$5resist  | US-PGPU<br>B;<br>USPAT           | OR | ON | 2006/04/18          |
| S29        | 25 | S28 and ion adj beam   | US-PGPU<br>B;<br>USPAT           | OR | ON | 2006/04/18<br>13:34 |
| <b>S30</b> | 2  | ("20030039816"  <br>"6383923")!PN. OR<br>("2004/0038556"  <br>"2004/0242023"  <br>"2004/0254297"  <br>"2005/0040371" | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON | 2006/04/18<br>13:39 |
|            |    | "2005/0079666"  <br>"2006/0014084"  <br>"6946410"   "6998358").<br>URPN.   |                                  |    |    |                     |

|     |    |                             |          |      | I  |            |
|-----|----|-----------------------------|----------|------|----|------------|
| S31 | 38 | (US-20050207963-\$ or       | US-PGPU  | OR   | ON | 2006/04/18 |
|     |    | US-20050074613-\$ or        | В;       |      |    | 15:25      |
|     |    | US-20050002850-\$ or        | USPAT    |      |    |            |
|     |    | US-20050074390-\$ or        |          |      |    |            |
|     |    | US-20050064647-\$ or        |          |      |    |            |
|     |    | US-20050040371-\$ or        |          |      |    |            |
|     |    | US-20040254297-\$ or        |          |      |    |            |
|     |    | US-20040247808-\$ or        |          |      |    |            |
|     |    | US-20040242023-\$ or        |          |      |    |            |
|     | *  | US-20040071949-\$ or        |          |      |    |            |
|     |    | US-20040232389-\$ or        | •        |      |    |            |
|     |    | US-20040222081-\$ or        |          |      |    |            |
|     |    | US-20040222080-\$ or        |          |      |    |            |
|     |    | US-20040101634-\$ or        |          |      |    |            |
|     |    | US-20030089893-\$ or        |          |      |    |            |
|     |    | US-20040071624-\$ or        |          |      |    |            |
|     |    | US-20040022718-\$ or        |          |      |    |            |
|     |    | US-20020008956-\$ or        |          |      |    |            |
|     |    | US-20030211028-\$ or        |          |      |    |            |
|     |    | US-20030086858-\$ or        |          |      |    |            |
|     |    | US-20030039604-\$ or        |          |      |    |            |
|     |    | US-20040197909-\$ or        |          |      |    |            |
|     | ·  | US-20030171257-\$ or        |          |      |    |            |
|     |    | US-20030039816-\$ or        |          |      |    |            |
|     |    | US-20060014084-\$ or        |          |      |    |            |
|     |    | US-20040038556-\$).did.     |          |      |    |            |
|     |    | or (US-20050079666-\$).     |          |      |    |            |
|     |    | did. or (US-6872681-\$ or   |          |      |    |            |
|     |    | US-6899945-\$ or            |          |      |    |            |
|     |    | US-6890654-\$ or            |          |      |    |            |
|     | !  | US-6491789-\$ or            |          |      |    |            |
|     |    | US-6205016-\$ or            |          |      |    |            |
|     |    | US-6712864-\$ or            |          |      |    |            |
|     |    | US-6414836-\$ or            |          |      |    | ,          |
|     |    | US-5866434-\$ or            |          |      |    |            |
|     |    | US-6665169-\$ or            |          |      |    |            |
|     |    | US-6998358-\$ or            |          |      |    |            |
|     |    | US-6946410-\$).did.         |          |      |    |            |
| 600 |    | *                           | LIC DODL | OD . | ON | 2006/04/19 |
| S32 | 37 | S31 and (dehydrat\$4        | US-PGPU  | OR   | ON | 2006/04/18 |
|     |    | condensation etch\$4        | B;       |      |    | 15:30      |
|     |    | \$5resist crosslink\$4      | USPAT    |      | 1  |            |
|     |    | cross-link\$4 functional\$7 |          |      |    |            |
|     |    | mesh\$5 ion adj beam)       | . (1)    |      |    |            |

| S33 37 | S31 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam \$COOH carboxylic amide ester)         | US-PGPU<br>B;<br>USPAT | OR | ON | 2006/04/18<br>15:34 |
|--------|--|------------------------|----|----|---------------------|
| S34 37 | S31-and (dehydrat\$4<br>condensation etch\$4<br>\$5resist crosslink\$4<br>cross-link\$4 functional\$7<br>mesh\$5 ion adj-beam<br>\$COOH carboxylic amide | US-PGPU<br>B;<br>USPAT | OR | ON | 2006/04/19<br>13:35 |

|              | <u>.                                    </u> |                                      |       |               |              |            |
|--------------|--|--------------------------------------|-------|---------------|--------------|------------|
| S35          | 297  | (US-6890654-\$ or                    | USPAT | OR            | ON           | 2006/04/19 |
|              |  | US-6712864-\$ or                     |       |               |              | 11:53      |
|              |  | US-6986853-\$ or                     |       |               |              |            |
|              | •  | US-6905667-\$ or                     |       |               |              |            |
|              |  | US-6787122-\$ or                     |       |               |              |            |
|              |  | US-6756025-\$ or                     |       |               |              |            |
|              |  | US-6749712-\$ or                     |       |               |              |            |
|              |  | US-6426134-\$ or                     |       |               |              |            |
|              |  | US-6090363-\$ or                     |       |               |              |            |
|              |  | US-6228498-\$ or                     |       |               |              |            |
|              |  | US-5933791-\$ or                     |       |               |              |            |
|              |  | US-6083624-\$ or                     |       |               |              |            |
|              |  | US-5489477-\$ or                     |       |               |              |            |
|              |  | US-5626812-\$ or                     |       |               |              |            |
|              |  | US-5716708-\$ or                     |       |               |              |            |
|              |  | US-5925465-\$ or                     |       |               |              |            |
|              |  | US-5985446-\$ or                     |       |               |              |            |
|              |  | US-6146227-\$ or                     |       |               |              |            |
|              |  | US-6157043-\$ or                     |       |               |              |            |
|              |  | US-6162411-\$ or                     |       |               |              |            |
|              |  | US-6203864-\$ or                     |       |               |              |            |
|              |  | US-6221489-\$ or                     |       |               |              |            |
|              |  | US-6239547-\$ or                     |       |               |              |            |
|              |  | US-6250984-\$ or                     |       |               |              |            |
|              |  | US-6278231-\$ or                     |       |               |              |            |
|              |  | US-6280677-\$).did. or               |       |               |              |            |
|              |  | (US-6287765-\$ or                    |       |               |              |            |
|              |  | US-6303094-\$ or                     |       |               |              |            |
|              |  | US-6339281-\$ or                     |       |               |              |            |
|              |  | US-6348700-\$ or                     |       |               |              |            |
|              |  | US-6401526-\$ or                     |       |               |              |            |
|              |  | US-6420726-\$ or                     |       |               |              |            |
|              |  | US-6469425-\$ or                     |       |               |              |            |
|              |  | US-6515415-\$ or                     |       |               |              |            |
|              |  | US-6527988-\$ or                     |       |               |              |            |
|              |  | US-6540972-\$ or                     |       |               |              |            |
|              |  | US-6545396-\$ or                     |       |               |              |            |
|              |  | US-6664727-\$ or                     |       |               |              |            |
|              |  | US-6692327-\$ or                     |       |               |              |            |
|              |  | US-6699642-\$ or                     |       |               |              |            |
|              |  | •                                    |       |               |              |            |
|              |  | US-6705910-\$ or                     |       |               |              |            |
|              |  | US-6709566-\$ or                     |       |               |              |            |
|              |  | US-6713519-\$ or                     |       |               |              |            |
|              |  | US-6741017-\$ or                     |       |               |              |            |
|              |  | US-6750604-\$ or                     |       |               |              |            |
| 17/06 1:32:4 | 5 PM   | US-6769945-\$ or<br>US-6787200-\$ or |       | . <del></del> | <del> </del> | Pag        |
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| S36 | 38 | (US-20040101634-\$ or US-20030089893-\$ or US-20030089893-\$ or US-20030039604-\$ or US-20020008956-\$ or US-20040071949-\$ or US-20040071624-\$ or US-20030211028-\$ or US-20050064647-\$ or US-20050064647-\$ or US-20050040371-\$ or US-20050079666-\$ or US-20040038556-\$ or US-20040038556-\$ or US-20050074613-\$ or US-20050074613-\$ or US-20050074390-\$ or US-20050074390-\$ or US-20050074390-\$ or US-20040232389-\$ or US-20040232389-\$ or US-20040232389-\$ or US-20040232389-\$ or US-20040254297-\$ or US-20040254297-\$ or US-20040254297-\$ or US-20040254297-\$ or US-20040254297-\$ or US-20040254297-\$ or US-6890654-\$ or US-689065 | US-PGPU<br>B;<br>USPAT | OR | ON | 2006/04/19 11:54    |
|-----|----|--|------------------------|----|----|---------------------|
| S37 | 3  |  | HE DODL                | OP | ON | 2006/04/10          |
| 55/ | 3  | S35 and S36  | US-PGPU<br>B;<br>USPAT | OR | ON | 2006/04/19<br>11:57 |
| S38 | 57 | ("5259926" "6342276")".<br>PN"   | US-PGPU<br>B;<br>USPAT | OR | ON | 2006/04/19<br>11:58 |

|      | ,    |                                     | <del></del>                                    | ·     |     |                     |
|------|------|-------------------------------------|--|-------|-----|---------------------|
| S39  | 4    | (("5259926") or<br>("6342276")).PN. | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B | OR    | OFF | 2006/04/19<br>12:01 |
| S40  | 81   | carbon near nanotube                | US-PGPU  | OR    | ON  | 2006/04/19          |
| - %  |      | with (crosslink\$3                  | В;   |       |     | 12:01               |
|      |      | cross-link\$3)                      | USPAT  | at in |     |                     |
| S41  | 3    | S35 and S40                         | US-PGPU  | OR    | ON  | 2006/04/19          |
| 0 .2 |      |                                     | B;   |       |     | 12:01               |
|      |      |                                     | ÚSPAT  |       |     |                     |
| S42  | 165  | (carbon near (nanotube              | US-PGPU  | OR    | ON  | 2006/04/19          |
| 372  | 103  | tub\$4) SWNT DWNT)                  | -B;  |       | OIN | 12:01               |
|      | 9.5  | same (coupl\$4 crosslink\$4         | USPAT  |       |     |                     |
|      |      | cross-link\$4) and (\$COOH          |  |       |     |                     |
|      |      | carboxylic)                         |  |       |     |                     |
| S43  | 11   | S35 and S42                         | US-PGPU  | OR    | ON  | 2006/04/19          |
|      |      |                                     | В;   |       |     | 12:01               |
|      |      |                                     | USPAT  |       |     |                     |
| S44  | 2752 | (carbon near (nanotube              | US-PGPU  | OR 👫  | ON  | 2006/04/19          |
|      |      | tub\$4) SWNT DWNT) and              | В;   |       |     | 12:01               |
|      |      | etch\$4                             | USPAT  |       |     |                     |
| S45  | 148  | S35 and S44                         | US-PGPU  | OR    | ON  | 2006/04/19          |
|      |      |                                     | В;   |       |     | 12:02               |
|      |      |                                     | USPAT  |       |     |                     |
| S46  | 4    | S37 S41                             | US-PGPU  | OR    | ON  | 2006/04/19          |
|      |      |                                     | B;   | 44    |     | 12:03               |
|      |      | · • •                               | USPAT  |       | , E |                     |
| S47  | 7    | S43 not S46                         | US-PGPU  | OR    | ON  | 2006/04/19          |
|      |      |                                     | В;   |       |     | 12:03               |
|      |      |                                     | USPAT  |       |     |                     |
|      | LL   |                                     |  | L     |     | <u> </u>            |

|     |    | EAST Seat  | · · · · · · · · · · · · · · · · · · · | ,  |     |                     |
|-----|----|--|---------------------------------------|----|-----|---------------------|
| S48 | 12 | (US-20050040371-\$ or US-20050002850-\$ or US-20040222081-\$ or US-20050064647-\$ or US-20040101634-\$ or US-200300211028-\$ or US-20030039604-\$ or US-20020008956-\$).did. or (US-6712864-\$ or US-6946410-\$ or US-6946410-\$ or US-6491789-\$ or US-5866434-\$).did. | US-PGPU<br>B;<br>USPAT                | OR | ON  | 2006/04/19<br>13:35 |
| S49 | 12 | S48 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam \$COOH carboxylic amide ester oxygen adj radical)  | US-PGPU<br>B;<br>USPAT                | OR | ON  | 2006/04/19<br>13:37 |
| S50 | 2  | (("5259926") or<br>("6342276")).PN.  | US-PGPU<br>B;<br>USPAT                | OR | OFF | 2006/04/26<br>19:47 |
| S51 | 1  | (US-20020008956-\$).did.   | US-PGPU<br>B                          | OR | ON  | 2006/04/27<br>13:41 |
| S52 | 1  | S51 and (multi\$6 wall DWNT MWNT)  | US-PGPU<br>B                          | OR | ON  | 2006/04/27<br>16:51 |
| S53 | 1  | "200272017"  | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:51 |
| S54 | 0  | 2002-72017   | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:52 |
| S55 | 0  | KR near "2002" near<br>"72017"   | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:52 |
| S56 | 0  | KR same "2002" same<br>"72017"   | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:52 |
| S57 | 0  | KR same "72017"  | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:52 |
| S58 | 1  | "20040101634"  | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:55 |
| S59 | 1  | 2004-432880.NRAN.  | DERWEN<br>T                           | OR | ON  | 2006/04/27<br>16:53 |

| S60 | 3 | "2004043638"             | DERWEN<br>T  | OR | ON  | 2006/04/27<br>16:55 |
|-----|---|--------------------------|--------------|----|-----|---------------------|
| S61 | 1 | (US-20040101634-\$).did. | US-PGPU<br>B | OR | ON: | 2006/04/27<br>16:59 |

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